

What is claimed is:

1. A receiver comprising:
decoder means for decoding an audio and/or video data
5 stream of a received digital broadcast program; and
processor means for storing an identification code of
said received digital broadcast program and a profile
representative of quality of said decoded audio and/or video
data stream.
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2. The receiver according to claim 1, further comprising
means for transmitting, to another apparatus, both of said
identification code of said received digital broadcast program
and said profile which are stored in said processor means.
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3. The receiver according to claim 1, further comprising
demodulator means for demodulating a digital signal of
said received digital broadcast program; and
descrambler means for descrambling said demodulated
20 digital signal to produce said audio and/or video data stream.
4. The receiver according to claim 1, wherein said profile
includes description of a resolution or frame rate of a
reproduced picture.
25
5. The receiver according to claim 1, wherein said profile
includes description of stereo, monaural, or 5.1 channel of
a reproduced sound.
- 30 6. A receiver comprising:
processor means for storing a predetermined profile
representative of quality of an audio and/or video data stream;
descrambler means for descrambling a digital signal of
a received digital broadcast program to produce an audio and/or
35 video data stream; and
decoder means for decoding said produced audio and/or
video data stream in accordance with said predetermined profile;

said processor means further storing an identification code of said received digital broadcast program.

7. The receiver according to claim 6, further comprising
5 means for transmitting, to another apparatus, both of said identification code of said received digital broadcast program and said profile which are stored in said processing means.

8. The receiver according to claim 6, wherein, when said
10 produced audio and/or video data stream is decoded, said processor means stores other profile data representative of actual quality of said decoded audio and/or video data stream.

9. A receiver comprising:
15 processor means for storing a predetermined profile representative of quality of an audio and/or video data stream;
descrambler means for descrambling a digital signal of a received digital broadcast program to produce an audio and/or video data stream; and
20 decoder means for decoding said produced audio and/or video data stream in accordance with an actually available profile, when it cannot be decoded in accordance with said predetermined profile;
said processor means storing an identification code of
25 said received digital broadcast program and another profile representative of actual quality of an audio and/or video signal decoded by said decoder means.

10. The receiver according to claim 9, further comprising
30 means for transmitting, to another apparatus, both of said identification code of said received digital broadcast program and said profile which are stored in said processor means.

11. The receiver according to claim 9, wherein, when said
35 decoder means decodes said produced audio and/or video data stream in accordance with said predetermined profile, said processor means allows said descrambler means to perform the

descrambling.

12. The receiver according to claim 1, wherein said processor means is provided in a smart card disposed within
5 said receiver.

13. An apparatus comprising billing means, said billing means receiving both of an identification code of a digital broadcast program reproduced on a receiver and a profile
10 representative of quality of a reproduced audio and/or video signal of said reproduced digital broadcast program, said billing means calculating a metric of use of said reproduced digital broadcast program in accordance with said profile.

14. A program for a receiver stored on a storage medium, said program being operable to execute the steps of:
causing an audio and/or video data stream of a received digital broadcast program to be decoded; and
storing an identification code of said received digital
20 broadcast program and a profile representative of quality of said decoded audio and/or video data stream.

15. A program for a receiver stored on a storage medium, said program being operable to execute the steps of:
25 causing a digital signal of a received digital broadcast program to be descrambled to produce an audio and/or video data stream;
causing said produced audio and/or video data stream to be decoded in accordance with a predetermined profile
30 representative of quality of an audio and/or video data stream; and
storing an identification code of said digital broadcast program, and a predetermined profile representative of quality of said produced audio and/or video data stream.
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16. The program according to claim 15, being operable to further execute the step of causing both of said stored

identification code of said received digital broadcast program and said profile to be transmitted to another apparatus.

17. The program according to claim 15, being operable to
5 further execute the step of storing other profile data representative of actual quality of said decoded audio and/or video data stream, when said produced audio and/or video data stream is decoded.

10 18. A program for a receiver stored on a storage medium, said program being operable to execute the steps of:
causing a digital signal of a received digital broadcast program to be descrambled to produce an audio and/or video data stream;
15 causing said produced audio and/or video data stream to be decoded in accordance with an actually available profile, when it cannot be decoded in accordance with a predetermined profile representative of quality of an audio and/or video data stream; and
20 storing an identification code of said digital broadcast program, and another profile representative of actual quality of said decoded audio and/or video signal.

19. The program according to claim 18, being operable to
25 further execute the step of transmitting, to another apparatus, both of said stored identification code of said received digital broadcast program and said profile.

20. A program for a receiver stored on a storage medium,
30 said program being operable to execute the steps of:
causing a digital signal of a received digital broadcast program to be descrambled to produce an audio and/or video data stream; and
causing said produced audio and/or video data stream to
35 be decoded in accordance with a predetermined profile representative of quality of an audio and/or video data stream.

21. A program for a receiver stored on a storage medium,
said program being operable to execute the steps of:

receiving both of an identification code of a digital
broadcast program reproduced on a receiver and a profile
5 representative of quality of a reproduced audio and/or video
signal of said reproduced digital broadcast program; and
calculating a metric of use of said reproduced digital
broadcast program in accordance with said profile.

10 22. In an information processing apparatus, a method for
calculating charges for reproduced digital broadcast programs,
said method comprising the steps of:

receiving both of an identification code of a digital
broadcast program reproduced on a receiver and a profile
15 representative of quality of a reproduced audio and/or video
signal of said reproduced digital broadcast program; and
calculating a metric of use of said reproduced digital
broadcast program in accordance with said profile.